

Application No. 10/567,892
Reply to Office Action of October 15, 2008

Docket No.: 209546-103493

AMENDMENTS TO THE SPECIFICATION

Please substitute the following paragraph(s) for the paragraphs now appearing in the currently filed specification:

[0003] The inventor of the present invention has recognized these and other problems associated with conventional vehicle panels, and have developed a vehicle panel comprising a core layer and a reinforcement layer comprised of intermingled strands of fiberglass material and a polymer material having a density in a range between about 50 and 200 g/m².

[0011] One aspect of the invention is that the reinforcement layer 14 provides dimensional stability to the vehicle panel 10, while decreasing the overall weight and thickness of the vehicle panel 10, as compared to conventional vehicle panels. For example, the reinforcement layer 14 has a density in a range between about 50 and 200 g/m², as compared to typical reinforcement layers that may have a density of at least 400 g/m². To accomplish this aspect of the invention, the reinforcement layer 14 of the invention comprises strands of fiberglass material 22 intermingled with a polymer material 24 to form a blended composition, as shown in Figure 2. In one embodiment of the invention, the fiberglass material 22 comprises approximately 20% to 80% by weight of the reinforcement layer 14.